



02-17-00

Atty. Docket No. AMAT/3980/MD/COPPER/DV

A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

Re: Inventor(s): VIJAY PARKHE, GILBERT HAUSMANN and JAGADISH KALYANAM
Title: CHEMICAL VAPOR DEPOSITION OF BARRIERS FROM NOVEL PRECURSORS

Transmitted herewith is the patent application identified above, including:

- Specification, claims and abstract, totaling 41 pages.
 Drawings totaling 5 pages, X Formal Informal.
 Executed Declaration and Power of Attorney.
 Information Disclosure Statement w/ Form 1449 and References.
 Assignment of the invention to **Applied Materials, Inc.**
 Assignment Recordation Cover Sheet

jc678 U.S. PTO
09/505638
02/16/00

FEE CALCULATION

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	36	-20=	16	x \$18.00	288.00
Independent Claims	4	-3=	1	x \$78.00	78.00
Basic Filing Fee				\$690.00	\$690.00
TOTAL FEES					\$1056.00

- The Commissioner is hereby authorized to charge \$1056.00 to Deposit Account No. 50-1074/AMAT/3980/MD/COPPER/DV.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074/AMAT/3980/MD/COPPER/DV. A duplicate copy of this transmittal is enclosed.
- Please address all future correspondence to:

PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O.BOX 450A
Santa Clara, CA. 95052

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Express Mail Receipt No. EL422319857US

Date of Deposit 2/16/2000

Signature Robert W. Mulcahy

Respectfully submitted,

Robert W. Mulcahy
Registration No. 25,436